```
FILE 'CAPLUS' ENTERED AT 21:52:34 ON 22 JAN 2003
         42401 S SEPARATOR
L1
L2
              0 S L1 (W) SPECIFIC SURFACE AREA
L3
              0 S L1 (W) SURFACE AREA
L4
          95621 S SURFACE AREA
L5
            414 S L4 AND L1
L6
             0 S G/M2
        2540411 S G
L7
L8
        163071 S M2
         57847 S L7 (A) L8
L9
           319 S L9 AND L1
L10
           139 S L10 AND L5
L11
           130 S L11 NOT ALKALINE
L12
            9 S L11 NOT L12
L13
           130 S L11 NOT (ZN OR ZINC OR NI-ZN OR NICKEL-ZINC)
130 S L11 NOT L13
L14
L15
L16
            9 S L11 NOT L14
            17 S L16 OR L13
L17
        277690 S AG
L18
             17 S L17
L19
       2540411 S G
L20
       163071 S M2
L21
         57847 S L20 (A) L21
L22
            319 S L22 AND SEPARATOR
L23
            268 S L23 NOT (ZN OR ZINC OR NICKEL-ZINC OR NI-ZN OR ALKALINE)
L24
L25
            51 S L23 NOT L24
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FILE	'CAPLUS' EN	TERED AT 18:07:21 ON 22 JAN 2003
L1	304920 S	ELECTROLYTE OR ELECTROLYTIC
L2	0 S	MG/CM2
L3	267126 S	CM2
L4	1230627 S	MG
L5	5593 S	L4 (A) L3
L6	42401 S	SEPARATOR
L7	0 S	L6 (W) L5 (W) L1
L8	65 S	L5 (S) L1
L9	4 S	L8 (S) L6

.

L Number	Hits	Search Text	DB	Time stamp
1	1095	komori-k\$.in.	USPAT;	2003/01/22
-			US-PGPUB;	17:00
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
2	5694	"mg/cm.sup.2"	USPAT;	2003/01/22
_			US-PGPUB;	17:00
		•	EPO; JPO;	17100
			DERWENT;	
			IBM_TDB	
3	1	komori-k\$.in. and "mg/cm.sup.2"	USPAT;	2003/01/22
J	•	Romon-Ry.m. and mg/cmasup.2	US-PGPUB;	17:19
			EPO; JPO;	17:19
			DERWENT;	
			IBM_TDB	
4	69	"mg/cm.sup.2" with electrolyte	USPAT;	2003/01/22
•	09	mg/cm.sup.2 with electrolyte	US-PGPUB;	17:24
			1	17:24
		·	EPO; JPO;	
			DERWENT;	
_	04504	400/6 1	IBM_TDB	0000/04/00
5	34584	429/\$.ccls.	USPAT;	2003/01/22
			US-PGPUB;	17:24
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
6	457	429/\$.ccls. and (electrolyte with ((retain\$3	USPAT;	2003/01/22
		"within") near2 (separator membrane)))	US-PGPUB;	17:26
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
7	22	(429/\$.ccls. and (electrolyte with ((retain\$3	USPAT;	2003/01/22
		"within") near2 (separator membrane)))) and	US-PGPUB;	17:29
		"mg/cm.sup.2"	EPO; JPO;	
			DERWENT;	
		,	IBM_TDB	
В	623	429/\$.ccls. and "mg/cm.sup.2"	USPAT;	2003/01/22
			US-PGPUB;	17:29
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
9	557	(429/\$.ccls. and "mg/cm.sup.2") not	USPAT;	2003/01/22
	ĺ	(("mg/cm.sup.2" with electrolyte)	US-PGPUB;	17:31
		((429/\$.ccls. and (electrolyte with ((retain\$3	EPO; JPO;	
		"within") near2 (separator membrane)))) and	DERWENT;	
		"mg/cm.sup.2"))	IBM_TDB	
10	25	"4378414"	USPAT;	2003/01/22
			US-PGPUB;	17:58
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	

11	1	"4378414" and "mg/cm.sup.2"	USPAT;	2003/01/22
			US-PGPUB;	17:58
		·	EPO; JPO;	
			DERWENT;	
			IBM_TDB	
12	8351	electrolyte with (introduc\$5 pour\$4)	USPAT;	2003/01/22
			US-PGPUB;	17:59
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
13	147	(electrolyte with (introduc\$5 pour\$4)) and	USPAT;	2003/01/22
		"mg/cm.sup.2"	US-PGPUB;	17:59
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
14	123	((electrolyte with (introduc\$5 pour\$4)) and	USPAT;	2003/01/22
		"mg/cm.sup.2") not ((komori-k\$.in. and	US-PGPUB;	17:59
		"mg/cm.sup.2") ("mg/cm.sup.2" with	EPO; JPO;	
		electrolyte) ((429/\$.ccls. and (electrolyte	DERWENT;	
		with ((retain\$3 "within") near2 (separator	IBM_TDB	
		membrane)))) and "mg/cm.sup.2"))		
15	123	(((electrolyte with (introduc\$5 pour\$4)) and	USPAT;	2003/01/22
	·	"mg/cm.sup.2") not ((komori-k\$.in. and	US-PGPUB;	18:01
		"mg/cm.sup.2") ("mg/cm.sup.2" with	EPO; JPO;	
		electrolyte) ((429/\$.ccls. and (electrolyte	DERWENT;	
		with ((retain\$3 "within") near2 (separator	IBM_TDB	
		membrane)))) and "mg/cm.sup.2"))) not		
46	50	"4378414"		
16	50	(electrolyte with (introduc\$5 pour\$4)) and	USPAT;	2003/01/22
		(electrolyte same "mg/cm.sup.2")	US-PGPUB;	18:02
			EPO; JPO;	,
			DERWENT; IBM_TDB	
17	36	((electrolyte with (introduc\$5 pour\$4)) and	USPAT;	2002/04/22
17	30			2003/01/22
		(electrolyte same "mg/cm.sup.2")) not ((komori-k\$.in. and "mg/cm.sup.2")	US-PGPUB; EPO; JPO;	18:03
		((komori-kş.in. and mg/cm.sup.2 ) ("mg/cm.sup.2" with electrolyte)	DERWENT;	
		((429/\$.ccls. and (electrolyte with ((retain\$3	IBM TDB	
•		"within") near2 (separator membrane)))) and	IBM_IDB	
	ļ	"mg/cm.sup.2") "4378414")		
18	4	"mg/cm.sup.2" with (electrolyte	USPAT;	2003/01/22
	"	elecetrolytic) with separator	US-PGPUB;	20:47
•			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
19	134072	429/\$.ccis. h01m	USPAT;	2003/01/22
- <del>-</del>			US-PGPUB;	20:47
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	

20	198	(429/\$.ccls. h01m) and sulfonation	USPAT;	2003/01/22
			US-PGPUB;	20:47
			EPO; JPO;	
,			DERWENT;	
			IBM_TDB	
21	19	((429/\$.ccls. h01m) and sulfonation) and	USPAT;	2003/01/22
		(sulfur with carbon)	US-PGPUB;	20:59
		-	EPO; JPO;	
			DERWENT;	
			IBM_TDB	
22	24775	carbon with sulfur with atom\$1	USPAT;	2003/01/22
			US-PGPUB;	20:50
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
23	152	(429/\$.ccls. h01m) and (carbon with sulfur	USPAT;	2003/01/22
		with atom\$1)	US-PGPUB;	20:50
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
24	149	((429/\$.ccls. h01m) and (carbon with sulfur	USPAT;	2003/01/22
		with atom\$1)) not (((429/\$.ccls. h01m) and	US-PGPUB;	20:50
		sulfonation) and (sulfur with carbon))	EPO; JPO;	
			DERWENT;	
			IBM_TDB	
25	1027	"s/c"	USPAT;	2003/01/22
			US-PGPUB;	20:59
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
26	51	"s/c" and (429/\$.ccls. h01m)	USPAT;	2003/01/22
			US-PGPUB;	21:02
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
27	5	("3660150"   "4424243"   "4917734"	USPAT	2003/01/22
		"5453333"   "5593734"). <b>PN</b> .		21:01
28	770	ratio with carbon with (sulfur sulphur) with	USPAT;	2003/01/22
		(atom atoms atomic moles molar)	US-PGPUB;	21:03
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
29	756	(ratio with carbon with (sulfur sulphur) with	USPAT;	2003/01/22
•		(atom atoms atomic moles molar)) not	US-PGPUB;	21:03
		(429/\$.ccls. h01m)	EPO; JPO;	
			DERWENT;	
			IBM_TDB	
30	14	(ratio with carbon with (sulfur sulphur) with	USPAT;	2003/01/22
		(atom atoms atomic moles molar)) not	US-PGPUB;	21:05
		((ratio with carbon with (sulfur sulphur) with	EPO; JPO;	
		(atom atoms atomic moles molar)) not	DERWENT;	
		(429/\$.ccls. h01m))	IBM_TDB	

31	1464	separator with (sulfur sulphur sulfonated)	USPAT;	2003/01/22
		Soparator with (ourse ourplies ourplies)	US-PGPUB;	21:05
			EPO; JPO;	
			DERWENT;	
		·	IBM_TDB	
32	0	(separator with (sulfur sulphur sulfonated))	USPAT;	2003/01/22
<b>32</b>		and "10.sup3"	US-PGPUB;	21:06
		and to.sups	EPO; JPO;	21.00
			DERWENT;	
			IBM_TDB	
33	0	(separator with (sulfur sulphur sulfonated))	USPAT;	2003/01/22
33		and "1 X 10.sup3"	US-PGPUB;	21:06
		and I A 10.5up3		21:00
			EPO; JPO;	
			DERWENT;	
24		#40 mm 2#	IBM_TDB	2002/04/22
34	0	"10.sup3"	USPAT;	2003/01/22
			US-PGPUB;	21:06
			EPO; JPO;	:
			DERWENT;	
			IBM_TDB	
35	23195	"10.sup.3"	USPAT;	2003/01/22
			US-PGPUB;	21:06
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
36	5	(separator with (sulfur sulphur sulfonated))	USPAT;	2003/01/22
		and "10.sup.3"	US-PGPUB;	21:06
			EPO; JPO;	
		·	DERWENT;	
			IBM_TDB	
37	686	(separator with (sulfur sulphur sulfonated))	USPAT;	2003/01/22
		and ((sulfur sulphur s) with (carbon c))	US-PGPUB;	21:16
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
38	2	4378414.pn.	USPAT;	2003/01/22
			US-PGPUB;	21:16
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
39	0	4378414.pn. and vacuum	USPAT;	2003/01/22
			US-PGPUB;	21:17
		·	EPO; JPO;	
			DERWENT;	
			IBM_TDB	
40	215082	separator	USPAT;	2003/01/22
			US-PGPUB;	21:17
			EPO; JPO;	
		·	DERWENT;	
			IBM_TDB	

41	199543	separator not alkaline	USPAT;	2003/01/22
			US-PGPUB;	21:17
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
42	15539	separator not (separator not alkaline)	USPAT;	2003/01/22
			US-PGPUB;	21:17
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
43	573	(separator not (separator not alkaline)) and	USPAT;	2003/01/22
		(separator with pore\$1)	US-PGPUB;	21:19
			EPO; JPO;	
			DERWENT:	
			IBM_TDB	
44	335	((separator not (separator not alkaline))	USPAT;	2003/01/22
		and (separator with pore\$1)) not zinc	US-PGPUB;	21:19
		(	EPO; JPO;	
		·	DERWENT:	
			IBM_TDB	
45	238	((separator not (separator not alkaline))	USPAT;	2003/01/22
		and (separator with pore\$1)) not (((separator	US-PGPUB;	21:19
	,	not (separator not alkaline)) and (separator	EPO; JPO;	
		with pore\$1)) not zinc)	DERWENT;	
		tituli peret iji net zine,	IBM_TDB	
46	87	(((separator not (separator not alkaline))	USPAT;	2003/01/22
		and (separator with pore\$1)) not (((separator	US-PGPUB;	21:19
		not (separator not alkaline)) and (separator	EPO; JPO;	
		with pore\$1)) not zinc)) and mercury	DERWENT;	
		,,	IBM_TDB	
47	2	(((separator not (separator not alkaline))	USPAT;	2003/01/22
	_	and (separator with pore\$1)) not (((separator	US-PGPUB;	21:20
		not (separator not alkaline)) and (separator	EPO; JPO;	
		with pore\$1)) not zinc)) and porosimeter	DERWENT;	
		porter, met amer, and personners	IBM_TDB	
48	144	separator and porosimeter	USPAT;	2003/01/22
		Coperation and personniates	US-PGPUB;	21:20
			EPO; JPO;	
		·	DERWENT;	
			IBM_TDB	
49	99	(separator and porosimeter) not alkaline	USPAT;	2003/01/22
		(	US-PGPUB;	21:20
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
50	45	(separator and porosimeter) not ((separator	USPAT;	2003/01/22
	-5	and porosimeter) not alkaline)	US-PGPUB;	21:21
		and porodinicaci, not diredinic;	EPO; JPO;	
			DERWENT;	
			IBM_TDB	
			10111_100	

51	89	separator with weight with "g/m.sup.2"	USPAT;	2003/01/22
			US-PGPUB;	21:31
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
52	35	(separator with weight with "g/m.sup.2") not	USPAT;	2003/01/22
		(zn zinc alkaline)	US-PGPUB;	21:27
		(	EPO; JPO;	
			DERWENT;	
			IBM_TDB	
53	54	(separator with weight with "g/m.sup.2") not	USPAT;	2003/01/22
-		((separator with weight with "g/m.sup.2")	US-PGPUB;	21:23
		not (zn zinc alkaline))	EPO; JPO;	0
		not (211 21110 direatine))	DERWENT;	
			IBM_TDB	
54	56	(separator with weight with "g/m.sup.2") not	USPAT;	2003/01/22
J <b>-</b>	30	(zn zinc)	US-PGPUB;	21:27
			EPO; JPO;	21.27
			DERWENT;	
			1	
	22	(annuator with waisht with lla/m our 21) mat	IBM_TDB	2002/04/22
55	33	(separator with weight with "g/m.sup.2") not	USPAT;	2003/01/22
		((separator with weight with "g/m.sup.2")	US-PGPUB;	21:28
		not (zn zinc))	EPO; JPO;	
			DERWENT;	
			IBM_TDB	
56	5109	polypropylene same separator	USPAT;	2003/01/22
			US-PGPUB;	21:28
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
57	59	(polypropylene same separator) and	USPAT;	2003/01/22
		(separator with weight with "g/m.sup.2")	US-PGPUB;	21:28
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
58	25	((polypropylene same separator) and	USPAT;	2003/01/22
		(separator with weight with "g/m.sup.2"))	US-PGPUB;	21:28
		and (zn zinc)	EPO; JPO;	
			DERWENT;	
			IBM_TDB	
59	0	separator with weight with "g/m.sup.2"	USOCR	2003/01/22
,				21:33
60	0	separator with weight with "g/m.sup.2"	EPO; JPO	2003/01/22
				21:31
61	0	separator same "g/m.sup.2"	EPO; JPO	2003/01/22
				21:31
62	45093	separator	EPO; JPO	2003/01/22
				21:31
63	1	"g/m.sup.2"	EPO; JPO	2003/01/22
				21:31
64	567	separator with weight	EPO; JPO	2003/01/22
				21:32
65	27	(separator with weight) and (zn zinc)	EPO; JPO	2003/01/22
				21:32

66	2	((separator with weight) and (zn zinc)) and	EPO; JPO	2003/01/22
.=		polypropylene		21:32
67	735	429/247.ccls. 429/248.ccls. 429/249.ccls.	USPAT;	2003/01/22
			US-PGPUB;	21:33
			EPO; JPO;	
			DERWENT;	
68	79	(429/247.ccls. 429/248.ccls. 429/249.ccls.)	IBM_TDB USPAT;	2003/01/22
00	/9	and "g/m.sup.2"	US-PGPUB;	21:34
		and gimsupiz	EPO; JPO;	21.54
			DERWENT;	
			IBM_TDB	
69	46	((429/247.ccls. 429/248.ccls. 429/249.ccls.)	USPAT;	2003/01/22
		and "g/m.sup.2") not (zn zinc)	US-PGPUB;	21:34
		g.moup.2 y not (2m 2mo)	EPO; JPO;	
			DERWENT;	
			IBM_TDB	
70	33	((429/247.ccls. 429/248.ccls. 429/249.ccls.)	USPAT;	2003/01/22
		and "g/m.sup.2") not (((429/247.ccls.	US-PGPUB;	21:38
		429/248.ccls. 429/249.ccls.) and	EPO; JPO;	
		"g/m.sup.2") not (zn zinc))	DERWENT;	
			IBM_TDB	
71	1064	separator and "g/m.sup.2"	USPAT;	2003/01/22
			US-PGPUB;	21:44
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
72	1031	separator with "surface area"	USPAT;	2003/01/22
			US-PGPUB;	21:39
			EPO; JPO;	
			DERWENT;	-
			IBM_TDB	
73	41	(separator and "g/m.sup.2" ) and (separator	USPAT;	2003/01/22
		with "surface area")	US-PGPUB;	21:40
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
74	14	((separator and "g/m.sup.2" ) and (separator	USPAT;	2003/01/22
		with "surface area")) and (zn zinc)	US-PGPUB;	21:43
			EPO; JPO;	
			DERWENT;	
		·	IBM_TDB	
75	401486	zn zinc	USPAT;	2003/01/22
			US-PGPUB;	21:44
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
76	13211	"nickel-zinc" "ni-zn" "nickel zinc" "ni zn"	USPAT;	2003/01/22
		-	US-PGPUB;	21:44
			EPO; JPO;	
	-		DERWENT;	
			IBM_TDB	

77	401487	(zn zinc) ("nickel-zinc" "ni-zn" "nickel zinc"	USPAT;	2003/01/22
		"ni zn")	US-PGPUB;	21:44
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
78	31174	"g/m.sup.2"	USPAT;	2003/01/22
			US-PGPUB;	21:44
			EPO; JPO;	
			DERWENT:	
			IBM_TDB	
79	306707	"surface area"	USPAT;	2003/01/22
			US-PGPUB;	21:45
		·	EPO; JPO;	
			DERWENT;	
			IBM_TDB	
80	25498	"m.sup.2 /g"	USPAT;	2003/01/22
			US-PGPUB;	21:45
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
81	1167	"cm.sup.2 /g"	USPAT;	2003/01/22
01	1107	Cinaupiz /g	US-PGPUB;	21:45
			EPO; JPO;	21.43
			DERWENT;	
			IBM_TDB	
82	940	( "g/m.sup.2" ) same ("surface area"	USPAT;	2003/01/22
02	340	"m.sup.2 /g" "cm.sup.2 /g")	US-PGPUB;	21:45
		inisupiz/g cinisupiz/g /	1	21.43
			EPO; JPO; DERWENT;	
			IBM TDB	
83	885	(/ !!a/m avm 2!! ) aama /!!avufaaa avaa!!	_	2002/04/22
03	005	(( "g/m.sup.2" ) same ("surface area"	USPAT;	2003/01/22
		"m.sup.2 /g" "cm.sup.2 /g")) not separator	US-PGPUB;	21:45
			EPO; JPO;	
			DERWENT;	
0.4		(/	IBM_TDB	0000/04/00
84	55	(( "g/m.sup.2" ) same ("surface area"	USPAT;	2003/01/22
		"m.sup.2 /g" "cm.sup.2 /g")) not (((	US-PGPUB;	21:45
		"g/m.sup.2" ) same ("surface area" "m.sup.2	EPO; JPO;	
		/g" "cm.sup.2 /g")) not separator)	DERWENT;	
			IBM_TDB	
85	31	((( "g/m.sup.2" ) same ("surface area"	USPAT;	2003/01/22
		"m.sup.2 /g" "cm.sup.2 /g")) not (((	US-PGPUB;	21:45
		"g/m.sup.2" ) same ("surface area" "m.sup.2	EPO; JPO;	
		/g" "cm.sup.2 /g")) not separator)) not ((zn	DERWENT;	
		zinc) ("nickel-zinc" "ni-zn" "nickel zinc" "ni	IBM_TDB	
		zn") )		

86	24	((( "g/m.sup.2" ) same ("surface area"	USPAT;	2003/01/22
		"m.sup.2 /g" "cm.sup.2 /g")) not (((	US-PGPUB;	21:47
	1	"g/m.sup.2" ) same ("surface area" "m.sup.2	EPO; JPO;	
		/g" "cm.sup.2 /g")) not separator)) not ((((	DERWENT;	
		"g/m.sup.2" ) same ("surface area" "m.sup.2	IBM_TDB	
		/g" "cm.sup.2 /g")) not ((( "g/m.sup.2" ) same		
		("surface area" "m.sup.2 /g" "cm.sup.2 /g"))		
		not separator)) not ((zn zinc) ("nickel-zinc"		
		"ni-zn" "nickel zinc" "ni zn") ))		
87	36431	"specific surface area"	USPAT;	2003/01/22
			US-PGPUB;	21:48
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
88	140	"specific surface area" with separator	USPAT;	2003/01/22
			US-PGPUB;	21:48
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
89	124	("specific surface area" with separator) not	USPAT;	2003/01/22
		((zn zinc) ("nickel-zinc" "ni-zn" "nickel zinc"	US-PGPUB;	21:48
		"ni zn") )	EPO; JPO;	
			DERWENT;	
			IBM_TDB	
90	16	("specific surface area" with separator) not	USPAT;	2003/01/22
		(("specific surface area" with separator) not	US-PGPUB;	22:07
		((zn zinc) ("nickel-zinc" "ni-zn" "nickel zinc"	EPO; JPO;	
		"ni zn") ))	DERWENT;	
			IBM_TDB	
91	0	"m.sup.2"	EPO; JPO	2003/01/22
				22:07
92	9426	m2	EPO; JPO	2003/01/22
				22:07
93	129235	g	EPO; JPO	2003/01/22
				22:07
94	3	g adj m2	EPO; JPO	2003/01/22
				22:08
95	556	g adj m	EPO; JPO	2003/01/22
				22:08
96	2344	"g/m" .	EPO; JPO	2003/01/22
				22:11
97	1017	"g/m2"	EPO; JPO	2003/01/22
		•		22:08
98	3358	"g/m" "g/m2"	EPO; JPO	2003/01/22
				22:08
99	29	("g/m" "g/m2") same separator	EPO; JPO	2003/01/22
				22:08
100	1017	"g/m<2>"	EPO; JPO	2003/01/22
				22:11
101	851	"g/m <2>"	EPO; JPO	2003/01/22
				22:11
102	1867	"g/m<2>" "g/m <2>"	EPO; JPO	2003/01/22
				22:11

103	1017	"g/m2" or "g/m<2>"	EPO; JPO	2003/01/22
				22:11
104	25	("g/m<2>" "g/m <2>") and separator	EPO; JPO	2003/01/22
				22:12
105	2	(("g/m<2>" "g/m <2>") and separator) not	EPO; JPO	2003/01/22
		(("g/m" "g/m2") same separator)		22:12

L Number	Hits	Search Text	DB	Time stamp
1	6	separator with (discharg\$3 or self-discharg\$3 or "self discharge" "self discharging") with ("g/m.sup.2" "g/m2" "g/m")	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/01/22 22:24
2		(separator with (discharg\$3 or self-discharg\$3 or "self discharge" "self discharging") with ("g/m.sup.2" "g/m2" "g/m")) and (zn zinc)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/01/22 22:23
3	0	(separator with (discharg\$3 or self-discharg\$3 or "self discharge" "self discharging") with ("g/m.sup.2" "g/m2" "g/m")) and ((ni or nickel) adj (zn zinc))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/01/22 22:26
4	21	separator same (discharg\$3 or self-discharg\$3 or "self discharge" "self discharging") same ("g/m.sup.2" "g/m2" "g/m")	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/01/22 22:26
5	15	(separator same (discharg\$3 or self-discharg\$3 or "self discharge" "self discharging") same ("g/m.sup.2" "g/m2" "g/m")) not (separator with (discharg\$3 or self-discharg\$3 or "self discharge" "self discharging") with ("g/m.sup.2" "g/m2" "g/m"))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/01/22 22:24
6	6	((separator same (discharg\$3 or self-discharg\$3 or "self discharge" "self discharging") same ("g/m.sup.2" "g/m2" "g/m")) not (separator with (discharg\$3 or self-discharg\$3 or "self discharge" "self discharging") with ("g/m.sup.2" "g/m2" "g/m"))) and (zn zinc)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/01/22 22:26
7	327	separator same ("g/m.sup.2" "g/m2" "g/m")	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/01/22 22:30
8	249	(separator same ("g/m.sup.2" "g/m2" "g/m")) not (zn zinc)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/01/22 22:26
9	303	(separator same ("g/m.sup.2" "g/m2" "g/m")) not ((ni or nickel) adj (zn zinc))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/01/22 22:26

10	78	(separator same ("g/m.sup.2" "g/m2" "g/m"))	USPAT;	2003/01/22
		not ((separator same ("g/m.sup.2" "g/m2" "g/m")) not (zn zinc))	US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	22:26
11	24	(separator same ("g/m.sup.2" "g/m2" "g/m")) not ((separator same ("g/m.sup.2" "g/m2" "g/m")) not ((ni or nickel) adj (zn zinc)))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/01/22 22:26
12	78	((separator same ("g/m.sup.2" "g/m2" "g/m")) not ((separator same ("g/m.sup.2" "g/m2" "g/m")) not (zn zinc))) ((separator same ("g/m.sup.2" "g/m2" "g/m")) not ((separator same ("g/m.sup.2" "g/m2" "g/m")) not ((ni or nickel) adj (zn zinc))))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/01/22 22:26
13	71	(((separator same ("g/m.sup.2" "g/m2" "g/m")) not ((separator same ("g/m.sup.2" "g/m2" "g/m")) not (zn zinc))) ((separator same ("g/m.sup.2" "g/m2" "g/m")) not ((separator same ("g/m.sup.2" "g/m2" "g/m")) not ((ni or nickel) adj (zn zinc))))) not ((separator with (discharg\$3 or self-discharg\$3 or "self discharge" "self discharging") with ("g/m.sup.2" "g/m2" "g/m")) ((separator with (discharg\$3 or self-discharg\$3 or "self discharge" "self discharging") with ("g/m.sup.2" "g/m2" "g/m")) and (zn zinc)) (separator same (discharg\$3 or self-discharg\$3 or "self discharge" "self discharging") same ("g/m.sup.2" "g/m2" "g/m")) ((separator same (discharg\$3 or self-discharg\$3 or "self discharge" "self discharging") same ("g/m.sup.2" "g/m2" "g/m")) not (separator with (discharg\$3 or self-discharg\$3 or "self discharge" "self discharging") with ("g/m.sup.2" "g/m2" "g/m"))) (((separator same (discharg\$3 or self-discharg\$3 or "self discharge" "self discharging") same ("g/m.sup.2" "g/m2" "g/m"))) not (separator with (discharg\$3 or self-discharg\$3 or "self discharge" "self discharging") same ("g/m.sup.2" "g/m2" "g/m")) not (separator with (discharg\$3 or self-discharg\$3 or "self discharge" "self discharging") with ("g/m.sup.2" "g/m2" "g/m")) not (separator with (discharg\$3 or self-discharg\$3 or "self discharge" "self discharging") with ("g/m.sup.2" "g/m2" "g/m")) not (separator with (discharg\$3 or self-discharg\$3 or "self discharge" "self discharging") with ("g/m.sup.2" "g/m2" "g/m")) not (zn zinc)))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/01/22 22:27
14	2183	(hydrophilic hydrophillicity hydrophillicity) same ("g/m.sup.2" "g/m2" "g/m")	USPAT; US-PGPUB; EPO; JPO; DERWENT; IRM TOR	2003/01/22 22:35
15	5	((hydrophilic hydrophillic hydrophilicity hydrophillicity) same ("g/m.sup.2" "g/m2" "g/m")) and (polyolefin same separator)	IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/01/22 22:31

2152	((hydrophilic hydrophilicity	USPAT;	2003/01/22
	"g/m")) not separator	US-PGPUB; EPO; JPO; DERWENT;	22:33
		IBM_TDB	
31	.,	•	2003/01/22 22:33
	hydrophilicity hydrophillicity) same	DERWENT;	
	("g/m.sup.2" "g/m2" "g/m")) not separator)	IBM_TDB	
26	(((hydrophilic hydrophillic hydrophilicity	USPAT;	2003/01/22
			22:33
		1 '	
		,	
	not (((hydrophilic hydrophillic hydrophilicity		
	hydrophillicity) same ("g/m.sup.2" "g/m2"		
	"g/m")) and (polyolefin same separator))		
28		USPAT;	2003/01/22
	absorp\$5))	1	22:36
		1	
		1	
26	(((electrolyte electrolytic) near8 (absorb\$5	USPAT;	2003/01/22
	absorp\$5)) same ("g/m.sup.2" "g/m2" "g/m"))	US-PGPUB;	22:38
	not (((hydrophilic hydrophillic hydrophilicity	EPO; JPO;	
		IBM_IDB	
2	5330861.pn.	USPAT;	2003/01/22
		US-PGPUB;	22:39
		EPO; JPO;	
		1	
4	5330864 pp. and /zp. zinc)		2003/01/22
•	333000 i.pii. and (211 2111c)	1	22:39
		EPO; JPO;	
		DERWENT;	
		IBM_TDB	
919	"high loft"	1	2003/01/22
		1	22:39
		· ·	
7	"high loft" same separator	USPAT;	2003/01/22
		US-PGPUB;	22:48
		EPO; JPO; DERWENT;	
	26 28 26	hydrophillicity) same ("g/m.sup.2" "g/m2"   "g/m")) not separator  31 (((hydrophillic hydrophillicity) hydrophillicity) same ("g/m.sup.2" "g/m2"   "g/m")) not (((hydrophillic hydrophillicity) same   ("g/m.sup.2" "g/m2" "g/m")) not separator) (36 (((hydrophillic hydrophillicity) same   ("g/m.sup.2" "g/m2" "g/m.)) not separator) (4 ((hydrophillic hydrophillic hydrophillicity) hydrophillicity hydrophillicity) same   ("g/m.sup.2" "g/m2" "g/m")) not separator)) not (((hydrophillic hydrophillic hydrophillicity) hydrophillicity) same ("g/m.sup.2" "g/m2"   "g/m")) and (polyolefin same separator)) (38 ((electrolyte electrolytic) near8 (absorb\$5 absorp\$5)) same ("g/m.sup.2" "g/m2" "g/m")) not (((hydrophillic hydrophillic hydrophillicity) hydrophillicity) same ("g/m.sup.2" "g/m2"   "g/m")) not (((hydrophillic hydrophillic hydrophillicity) hydrophillicity hydrophillicity) same   ("g/m.sup.2" "g/m2" "g/m")) not separator)) 2 5330861.pn.  1 5330861.pn. and (zn zinc)	hydrophillicity) same ("g/m.sup.2" "g/m2" "g/m")) not separator  31 (((hydrophilic hydrophillicity hydrophillicity) same ("g/m.sup.2" "g/m2" "g/m")) not ((((hydrophillic hydrophillicity) same ("g/m.sup.2" "g/m2" "g/m")) not ((((hydrophillic hydrophillicity) same ("g/m.sup.2" "g/m2" "g/m")) not ((((hydrophillic hydrophillicity same ("g/m.sup.2" "g/m2" "g/m")) and (polyolefin same separator))  (((electrolyte electrolytic) near8 (absorb\$5 absorp\$5)) same ("g/m.sup.2" "g/m2" "g/m")) not ((((hydrophilic hydrophillic hydrophillicity hydrophil

0.5	1 44	(11027206411   11440044011   11460746011	LICDAT	2002/04/22
25	44	("0373064"   "1408140"   "1607460"	USPAT	2003/01/22 22:41
		"2272969"   "2317711"   "2403571"		22:41
		"2534336"   "2700694"   "2785106"		
		"2858353"   "2900433"   "2904615"		
		"2930829"   "2994728"   "3013099"		
		"3022367"   "3042734"   "3055966"		
		"3068312"   "3068313"   "3069489"		
		"3081372"   "3089914"   "3097975"		
		"3121658"   "3186876"   "3186877"		
		"3218197"   "3269869"   "3505185"		
		"3980497"   "4091185"   "4124743"		
		"4137379"   "4356046"   "4551402"		
		"4699858"   "4794057"   "4902590"		
		"5026617"   "5401594"   "5419962"		
		"5462820"   "5470519").PN.		0000104100
28	15	3980497.URPN.	USPAT	2003/01/22
				22:44
34	36	electrolyte with (pour\$3) with vacuum	USPAT;	2003/01/22
			US-PGPUB;	22:50
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
35	1	(electrolyte with (pour\$3) with vacuum) and	USPAT;	2003/01/22
		(zn zinc)	US-PGPUB;	22:50
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
36	1824	electrolyte with vacuum	USPAT;	2003/01/22
			US-PGPUB;	22:51
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
37	1509	(electrolyte with vacuum) not (zn zinc ni-zn	USPAT;	2003/01/22
		nizn "nickel-zinc" "nickel zinc")	US-PGPUB;	22:52
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
38	315	(electrolyte with vacuum) not ((electrolyte	USPAT;	2003/01/22
		with vacuum) not (zn zinc ni-zn nizn	US-PGPUB;	22:51
		"nickel-zinc" "nickel zinc"))	EPO; JPO;	
			DERWENT;	
			IBM_TDB	2000/04/22
39	1241	electrolyte near8 vacuum	USPAT;	2003/01/22
			US-PGPUB;	22:52
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
40	1028	(electrolyte near8 vacuum) not (zn zinc ni-zn	USPAT;	2003/01/22
		nizn "nickel-zinc" "nickel zinc")	US-PGPUB;	22:52
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	

41	213	(electrolyte near8 vacuum) not ((electrolyte	USPAT;	2003/01/22
		near8 vacuum) not (zn zinc ni-zn nizn	US-PGPUB;	23:05
		"nickel-zinc" "nickel zinc"))	EPO; JPO;	
			DERWENT;	
		// L	IBM_TDB	2002/04/22
42	90	((electrolyte near8 vacuum) not ((electrolyte	USPAT;	2003/01/22
		near8 vacuum) not (zn zinc ni-zn nizn	US-PGPUB;	22:56
		"nickel-zinc" "nickel zinc"))) and 429/\$.ccls.	EPO; JPO;	
		,	DERWENT; IBM_TDB	
43	2427	429/223.ccls. 429/229.ccls.	USPAT;	2003/01/22
43	2421	425/225.CCI3. 429/225.CCI3.	US-PGPUB;	22:56
			EPO; JPO;	22.55
			DERWENT;	
		,	IBM_TDB	
44	219	(429/223.ccls. 429/229.ccls.) and ((ni or	USPAT;	2003/01/22
	1	nickel) adj (zn zinc))	US-PGPUB;	22:56
		,, <u></u> ,	EPO; JPO;	
			DERWENT;	
			IBM_TDB	
45	4	((429/223.ccls. 429/229.ccls.) and ((ni or	USPAT;	2003/01/22
		nickel) adj (zn zinc))) and (electrolyte with	US PGPUB;	23:03
		vacuum)	EPO; JPO;	
			DERWENT;	
			IBM_TDB	
46	2	3354917.pn.	USPAT;	2003/01/22
			US-PGPUB;	22:56
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
48	51	((429/223.ccls. 429/229.ccls.) and ((ni or	USPAT;	2003/01/22
		nickel) adj (zn zinc))) and ( vacuum)	US-PGPUB;	23:03
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	0000104100
49	47	(((429/223.ccls. 429/229.ccls.) and ((ni or	USPAT;	2003/01/22
		nickel) adj (zn zinc))) and ( vacuum)) not	US-PGPUB;	23:05
		(((429/223.ccls. 429/229.ccls.) and ((ni or	EPO; JPO;	
		nickel) adj (zn zinc))) and (electrolyte with	DERWENT;	
E0	245	vacuum)) ((429/223.ccls. 429/229.ccls.) and ((ni or	IBM_TDB	2003/01/22
50	215	nickel) adj (zn zinc))) not (((429/223.ccls.	USPAT; US-PGPUB;	23:05
		429/229.ccls.) and ((ni or nickel) adj (zn	EPO; JPO;	23:00
		zinc))) and (electrolyte with vacuum))	DERWENT;	
		amo/// and telectrolyte with vacuum//	IBM_TDB	
51	210	((electrolyte near8 vacuum) not ((electrolyte	USPAT;	2003/01/22
J.	1	near8 vacuum) not (zn zinc ni-zn nizn	US-PGPUB;	23:12
		"nickel-zinc" "nickel zinc"))) not	EPO; JPO;	
		((((429/223.ccls. 429/229.ccls.) and ((ni or	DERWENT;	
		nickel) adj (zn zinc))) and (electrolyte with	IBM_TDB	
		vacuum)) 3354917.pn.)		

52	256801	sulfur sulphur	USPAT;	2003/01/22
			US-PGPUB;	23:12
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
53	25199 °	sulfonated	USPAT;	2003/01/22
			US-PGPUB;	23:12
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
54	17409	sulfur-containing	USPAT;	2003/01/22
		•	US-PGPUB;	23:12
		,	EPO; JPO;	
			DERWENT;	
	!		IBM_TDB	
55	3012	sulphur-containing	USPAT;	2003/01/22
<i>-</i>	3012	- Surphur-containing	US-PGPUB;	23:12
			1	LJ: IL
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	0000104100
56	273553	(sulfur sulphur) sulfonated sulfur-containing	USPAT;	2003/01/22
		sulphur-containing	US-PGPUB;	23:13
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
57	1464	((sulfur sulphur) sulfonated sulfur-containing	USPAT;	2003/01/22
		sulphur-containing) with separator	US-PGPUB;	23:13
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
58	51164	"g/m.sup.2" "g/m2" "g/m"	USPAT;	2003/01/22
			US-PGPUB;	23:13
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
59	45	(((sulfur sulphur) sulfonated	USPAT;	2003/01/22
=		sulfur-containing sulphur-containing) with	US-PGPUB;	23:33
		separator) and ("g/m.sup.2" "g/m2" "g/m")	EPO; JPO;	
			DERWENT;	
			IBM_TDB	
60	38	electrolyte with separator with (absorb\$5	USPAT;	2003/01/22
<del></del>	30	absorpt\$5 retain\$5 soak\$3) with (g gram	US-PGPUB;	23:50
		grams)	1	23.30
		yranıs)	EPO; JPO;	
			DERWENT;	
	_		IBM_TDB	
61	5	(electrolyte with separator with (absorb\$5	USPAT;	2003/01/22
		absorpt\$5 retain\$5 soak\$3) with (g gram	US-PGPUB;	23:51
		grams)) and ("g/m.sup.2" "g/m2")	EPO; JPO;	
			DERWENT;	
			IBM_TDB	

62	2	(electrolyte with separator with (absorb\$5	USPAT;	2003/01/22
		absorpt\$5 retain\$5 soak\$3) with (g gram	US-PGPUB;	23:51
		grams)) and ("m2/g" "m.sup.2 /g")	EPO; JPO;	
			DERWENT;	
			IBM_TDB	
63	4	(US-5484651-\$ or US-5032475-\$).did. or	USPAT;	2003/01/22
		(JP-07099050-\$ or JP-2822701-\$).did.	DERWENT	23:52